

In the Claims:

Please cancel claims 1-26 and substitute new claims 27-56 as follows:

Claim 1-26 (Cancelled).

27. (New) A thermo-plastic container for hermetically sealing a single stack of fragile articles, comprising:

a tubular body having a central longitudinal axis, said body comprised of a sidewall having a flowing geometries mechanism formed therein, which is positioned between a closed end and a hermetically sealable open end; wherein portions of said sidewall at said open and closed ends have circular lateral cross-sections of substantially equivalent diameters, and said sidewall has an oval lateral cross-section where said flowing geometries mechanism is formed therein.

28. (New) The container of Claim 27 wherein the flowing geometries mechanism comprises at least one lateral flexible hinged area defining a weakened panel area.

29. (New) The container of Claim 28 wherein the panel area has a lateral cross section that is curved.

30. (New) The container of Claim 28 wherein the panel area comprises a plurality of aligned, non-annular, evenly spaced parallel grooves oriented perpendicular to said central longitudinal axis.

31. (New) The container of Claim 27 wherein the flowing geometries mechanism comprises at least two flowing geometries mechanisms evenly spaced around the annular periphery of the body.
32. (New) The container of Claim 1 wherein said portions of said sidewall at said open and closed ends further comprise a structural rigidity mechanism formed therein.
33. (New) The container of Claim 32 wherein said structural rigidity mechanism comprises an annular corrugated pattern formed therein.
34. (New) The container of Claim 33 wherein said annular corrugated pattern traverses about the longitudinal axis of the container in a sinusoidal pattern.

35. (New) A blow-molded, thermo-plastic container for packaging a single stack of fragile articles, which when hermetically sealed is responsive to forces induced by changes in environmental conditions without detracting from the commercial presentation of the container, said container comprising:

a tubular body having a central longitudinal axis, said body comprising a sidewall having a plurality of flowing geometries mechanisms formed therein, wherein said sidewall further comprises a permanently closed lower base section, a middle section and a hermetically sealable upper section, said lower base and upper sections having circular lateral cross-sections of substantially equivalent diameters.

36. (New) The container of claim 35 wherein the middle section has an oval lateral cross-section where said flowing geometries mechanism is formed therein.
37. (New) The container of Claim 35 wherein each of said flowing geometries mechanisms comprises at least one lateral flexible hinged area and a weakened panel area.
38. (New) The container of Claim 37 wherein the panel area has a lateral cross section that is curved.
39. (New) The container of Claim 37 wherein said weakened panel area comprises a plurality of aligned, non-annular, evenly spaced parallel grooves oriented perpendicular to said central longitudinal axis formed therein.

40. (New) The container of Claim 37 wherein said middle section has an oval lateral cross section.
41. (New) The container of Claim 39 wherein said at least one flexible hinge area comprises a flexible transitional area formed in the lower base section and the upper section whereby the circular lateral cross section of said lower base and upper sections transitions to the oval lateral cross section of said middle section.
42. (New) The container of Claim 40 wherein said flowing geometries mechanism comprises two flowing geometries mechanisms evenly spaced around the annular periphery of the body.
43. (New) The container of Claim 35 wherein said lower base and upper sections include a structural rigidity mechanism formed therein.
44. (New) The container of Claim 43 wherein said structural rigidity mechanism comprises an annular corrugated pattern formed therein.
45. (New) The container of Claim 43 wherein said annular corrugated pattern is oriented perpendicular to the central longitudinal axis.
46. (New) The container of Claim 43 wherein said annular corrugated pattern traverses about the central longitudinal axis in a sinusoidal pattern.

47. (New) A blow-molded, thermo-plastic container for packaging a single stack of fragile articles, comprising:

a tubular body having a central longitudinal axis, said body comprising a sidewall having a permanently closed lower base section, a middle section and a hermetically sealable upper section; said middle section having a flowing geometries mechanism formed therein which is responsive to forces induced by changes in environmental conditions when said upper section is hermetically sealed; wherein said lower base and upper sections have circular lateral cross-sections of substantially equivalent diameters, and said middle section has an oval lateral cross-section.

48. (New) The container of claim 47 wherein the flowing geometries mechanism comprises a plurality of flowing geometries mechanisms evenly spaced around the annular periphery of said middle section.
49. (New) The container of Claim 47 wherein said flowing geometries mechanism comprises at least one lateral flexible hinged area and a weakened panel area.
50. (New) The container of Claim 49 wherein said weakened panel area comprises a plurality of aligned, non-annular, evenly spaced parallel grooves oriented perpendicular to said central longitudinal axis formed therein.

51. (New) The container of Claim 49 wherein said at least one flexible hinge area comprises a flexible transitional area formed in the lower base section and the upper section, whereby the circular lateral cross section of said lower base and upper sections transitions to the oval lateral cross section of said middle section.
52. (New) The container of Claim 40 wherein said flowing geometries mechanism comprises two flowing geometries mechanisms evenly spaced around the annular periphery of the body.
53. (New) The container of Claim 47 wherein said lower base and upper sections include a structural rigidity mechanism formed therein.
54. (New) The container of Claim 53 wherein said structural rigidity mechanism comprises an annular corrugated pattern formed therein.
55. (New) The container of Claim 53 wherein said annular corrugated pattern is oriented perpendicular to the central longitudinal axis.
56. (New) The container of Claim 53 wherein said annular corrugated pattern traverses about the central longitudinal axis in a sinusoidal pattern.